



Patent [19]

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[54] AIR CLEANING DEVICE

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[57] ABSTRACT

PROBLEM TO BE SOLVED: To provide an air cleaning device which efficiently converts the light energy generated by a light source to deodorant, antimicrobial and other functions.

SOLUTION: Honeycomb- shaped photocatalyst members 5 are arranged at an angle with a flowing direction of air in the air cleaning device having a fan 8, the photocatalyst members 5, 6, 7 and the light source 4 for emitting the light to excite these photocatalyst members within a casing 3 having an air suction port 1 and an air exit 2. Further, the photocatalyst members 7 are arranged on the inside surface of the easing to which the light leaking from the honeycomb-shaped photocatalyst members 5 falls.

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